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PATENT
36856.1325

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re application of : Nobumasa KITAMORI and Tomohiro NAGAI | International Application No.: PCT/JP03/10282 |
| Serial No.: Unknown | International Filing Date: August 13, 2003 |
| Filed: Concurrently herewith | |
| For: ANTENNA APPARATUS AND TRANSMITTER/RECEIVER | |

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit copies of the prior art listed on the attached Form PTO-1449.

The prior art references nos. 2-8 were cited in the International Search Report for PCT Application No. PCT/JP03/10282.

Applicants cite EP 1 291 965 A1 because it is the European equivalent of WO 2002/071539. Applicants cite U.S. 6,246,298 because it is the U.S. equivalent of JP 11-127001.

The relevance of JP 56-104201 can be found in the International Search Report for PCT Application No. PCT/JP03/10282.

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Applicants do not submit a copy of the U.S. reference as this is no longer a USPTO requirement.

The relevance of prior art references 10-12 can be found on pages 1 and 2 of the Substitute Specification filed concurrently herewith.

The prior art references nos. 13 and 14 are additional references that Applicants submit herewith.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: March 2, 2005


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Substitute for form 1449/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

| | |
|------------------------|-------------------|
| Application Number | 10/526448 |
| Filing Date | |
| First Named Inventor | Nobumasa KITAMORI |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 36856.1325 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM -YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|------------------------------|--|---|
| | 1 | 6,246,298 | 06/2001 | Ishikawa et al. | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number-Kind Code ⁵ (if known) | Publication Date MM -YYYY | Country of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|--|------------------------------|---------------------------|---|----------------|
| | 2 | JP 05-048316 (with English abstract and machine translation) | 02/1993 | JAPAN | | X |
| | 3 | JP 6-350326 (with English abstract and machine translation) | 12/1994 | JAPAN | | X |
| | 4 | JP 11-127001 (with English abstract and machine translation) | 05/1999 | JAPAN | | X |
| | 5 | JP 08-078936 (with English abstract and machine translation) | 03/1996 | JAPAN | | X |
| | 6 | JP 64-51302 (with English abstract) | 03/1989 | JAPAN | | |
| | 7 | JP 56-104201 | 08/1981 | JAPAN | | |
| | 8 | WO 2002/071539 | 09/2002 | WIPO | | |
| | 9 | EP 1 291 965 A1 | 03/2003 | EPO | | |
| | 10 | JP 2001-217634 (with English abstract and machine translation) | 08/2001 | JAPAN | | X |
| | 11 | JP 11-027036 (with English abstract and machine translation) | 01/1999 | JAPAN | | X |
| | 12 | JP 11-038132 (with English abstract and machine translation) | 02/1999 | JAPAN | | X |
| | 13 | JP 06-334426 (with English abstract and machine translation) | 12/1994 | JAPAN | | X |
| | 14 | JP 10-300848 (with English abstract and machine translation) | 11/1998 | JAPAN | | X |
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Examiner
SignatureDate
Considered

*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.